

# ROLLA WATER RESOURCES LUNCHEON SEMINAR

Thursday, January 21, 2010  
11:45 a.m. - 1:00 p.m.

LUNCHEON LOCATION:  
U.S. GEOLOGICAL SURVEY  
1400 INDEPENDENCE ROAD  
ROLLA, MO 65401

## Summary of the Evolution of Stormwater Regulations

By  
Raymond H. Frankenberg II  
BFA Engineering  
Washington, MO

This presentation will provide an overview of the United States Stormwater Regulations starting with Rivers and Harbors Act in 1899 through the requirements for municipalities and certain drainage districts to provide a Stormwater Management Plan for all Municipal Separate Storm Sewer Systems (MS4s).

There will be a brief discussion of the 6 minimum control measures required of regulated MS4's, with emphasis placed on the 4<sup>th</sup> control measure, which is construction site stormwater runoff control. The presentation will wrap up with an overview of the Effluent Limitation Guidelines for construction and development sites (published 12-1-2009) and what effect the guidelines will have on construction sites in the future.

### About the Speaker

Ray is a Registered Professional Engineer in 23 states, a Registered Professional Land Surveyor in 5 states, a Certified Floodplain Manager, a Certified Professional in Sediment and Erosion Control, and a Certified Erosion Sediment and Stormwater Inspector. Ray is also the President of BFA, an engineering firm located in Washington, MO, doing commercial, industrial and municipal projects throughout the Midwest. Because of his work has had a unique vantage point to observe EPA's increasing enforcement of the stormwater regulations.

### ---Next Luncheon---

Thursday, January 21, 2010 11:45 AM – 1:00 PM  
Speaker to Be determined

Park in the USGS south lot (free parking) and enter the visitor entrance in the southwest corner of the building. For those of you attending the meeting from outside Rolla, you can find directions to the USGS Rolla Center at: <http://mcmcweb.er.usgs.gov/>. The Rolla Water Resources Luncheon is a Brown Bag Lunch event. For those unfamiliar with the area and disinclined to brown bag it, you can find takeout options offerings among the Rolla restaurants found at: <http://mcmcweb.er.usgs.gov/rollamap09ext.pdf>